CUMULATIVE (2020) WITHOUT PROJECT CONDITIONS

(ICU METHODOLOGY)

Huntington Beach Traffic Impact Analysis
Cumulative Conditions (Year 2020) without Project AM

Scenario Report

Scenario:	Cumulative Conditions (2020) without Project AM
Command:	Cumulative Conditions (2020) without Project AM
Volume:	Existing AM
Geometry:	Existing
Impact Fee:	Default Impact Fee
Trip Generation:	Approved Projects AM
Trip Distribution:	Project
Paths:	Default Path
Routes:	Default Route
Configuration:	Cumulative Conditions (2020) without Project

Huntington Beach Traffic Impact Analysis
Cumulative Conditions (Year 2020) without Project AM

Impact Analysis Report
Level Of Service

Intersection	Base LOS	Base Del/ Veh	Base V/ C	Future LOS	Future Del/ Veh	Future V/ C	Change in
# 1 Pacific Coast Hwy / Warner Ave	D	xxxxx	0.812	D	xxxxx	0.828	+ 0.016 V/C
# 2 Pacific Coast Hwy / Seapoint A	B	xxxxx	0.647	B	xxxxx	0.663	+ 0.016 V/C
# 3 Pacific Coast Hwy / Goldenwest	B	xxxxx	0.676	C	xxxxx	0.712	+ 0.035 V/C
# 4 Pacific Coast Hwy / 17th St	A	xxxxx	0.574	B	xxxxx	0.602	+ 0.029 V/C
# 5 Pacific Coast Hwy / 9th St	A	xxxxx	0.574	B	xxxxx	0.602	+ 0.029 V/C
# 6 Pacific Coast Hwy / 6th St	A	xxxxx	0.465	A	xxxxx	0.495	+ 0.030 V/C
# 7 Pacific Coast Hwy / Main St	B	xxxxx	0.684	C	xxxxx	0.703	+ 0.019 V/C
# 8 Pacific Coast Hwy / 1st St	A	xxxxx	0.491	A	xxxxx	0.506	+ 0.015 V/C
# 9 Pacific Coast Hwy / Huntington	B	xxxxx	0.613	B	xxxxx	0.664	+ 0.050 V/C
# 10 Pacific Coast Hwy / Beach Blvd	C	xxxxx	0.743	C	xxxxx	0.773	+ 0.030 V/C
# 11 Pacific Coast Hwy / Newland S	A	xxxxx	0.560	A	xxxxx	0.580	+ 0.020 V/C
# 12 Pacific Coast Hwy / Magnolia S	A	xxxxx	0.585	B	xxxxx	0.605	+ 0.020 V/C
# 13 Pacific Coast Hwy / Brookhurst	C	xxxxx	0.704	C	xxxxx	0.724	+ 0.020 V/C
# 14 Main St / Yorktown Ave	A	xxxxx	0.385	A	xxxxx	0.395	+ 0.010 V/C
# 15 Main St / 17 th St	A	xxxxx	0.279	A	xxxxx	0.297	+ 0.019 V/C
# 16 Main St / Adams Ave	A	xxxxx	0.481	A	xxxxx	0.517	+ 0.036 V/C
# 19 Main St / 6th St	A	xxxxx	0.216	A	xxxxx	0.289	+ 0.073 V/C
# 22 1st St / Orange Ave & Atlanta	A	xxxxx	0.315	A	xxxxx	0.337	+ 0.022 V/C
# 23 Beach Blvd / Atlanta Ave	A	xxxxx	0.362	A	xxxxx	0.412	+ 0.050 V/C
# 24 Beach Blvd / Pacific View Ave	A	xxxxx	0.267	A	xxxxx	0.328	+ 0.061 V/C

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Cumulative Conditions (2020Mon Mar 30, 2009 18:51:24                    Page 3-1
-------------------------------------------------------------------------------
                  Huntington Beach Traffic Impact Analysis
            Cumulative Conditions (Year 2020) without Project AM
-------------------------------------------------------------------------------
                      Level Of Service Computation Report
       ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)
*******************************************************************************
Intersection #1 Pacific Coast Hwy / Warner Ave
*******************************************************************************
Cycle (sec):          120                Critical Vol./Cap.(X):          0.828
Loss Time (sec):        6 (Y+R=4.0 sec)  Average Delay (sec/veh):       xxxxxx
Optimal Cycle:         65                Level Of Service:                    D
*******************************************************************************
Street Name:         Pacific Coast Hwy                    Warner Ave
Approach:       North Bound      South Bound      East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:         Protected        Protected        Protected        Protected
Rights:            Include          Include          Include          Ovl
Min. Green:      0    0    0      0    0    0      0    0    0      0    0    0
Lanes:         1  0  2  0  1    2  0  1  1  0    1  0  0  1  0    2  0  1  0  2
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:       30 1160  220   410 1150   40    20  190   30   290   50  600
Growth Adj:   1.13 1.13 1.13  1.13 1.13 1.13  1.13 1.13 1.13  1.13 1.13 1.13
Initial Bse:    34 1307  248   462 1296   45    23  214   34   327   56  676
Added Vol:       0   53    2     0   57    0     0    0    0     2    0    0
PasserByVol:     0    0    0     0    0    0     0    0    0     0    0    0
Initial Fut:    34 1360  250   462 1353   45    23  214   34   329   56  676
User Adj:     1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
PHF Adj:      1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
PHF Volume:     34 1360  250   462 1353   45    23  214   34   329   56  676
Reduct Vol:      0    0    0     0    0    0     0    0    0     0    0    0
Reduced Vol:    34 1360  250   462 1353   45    23  214   34   329   56  676
PCE Adj:      1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
MLF Adj:      1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
FinalVolume:    34 1360  250   462 1353   45    23  214   34   329   56  676
OvlAdjVol:                                                               214
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:     1700 1700 1700  1700 1700 1700  1700 1700 1700  1700 1700 1700
Adjustment:   1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
Lanes:        1.00 2.00 1.00  2.00 1.94 0.06  1.00 0.86 0.14  2.00 1.00 2.00
Final Sat.:   1700 3400 1700  3400 3290  110  1700 1468  232  3400 1700 3400
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:      0.02 0.40 0.15  0.14 0.41 0.41  0.01 0.15 0.15  0.10 0.03 0.20
OvlAdjV/S:                                                               0.06
Crit Moves:        ****          ****               ****          ****
*******************************************************************************
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Cumulative Conditions (2020Mon Mar 30, 2009 18:51:24                  Page 4-1
-------------------------------------------------------------------------------
                  Huntington Beach Traffic Impact Analysis
            Cumulative Conditions (Year 2020) without Project AM
-------------------------------------------------------------------------------
                     Level Of Service Computation Report
       ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)
*******************************************************************************
Intersection #2 Pacific Coast Hwy / Seapoint Ave
*******************************************************************************
Cycle (sec):          120                Critical Vol./Cap.(X):          0.663
Loss Time (sec):        6 (Y+R=4.0 sec)  Average Delay (sec/veh):       xxxxxx
Optimal Cycle:         37                Level Of Service:                    B
*******************************************************************************
Street Name:         Pacific Coast Hwy                  Seapoint Ave
Approach:       North Bound      South Bound      East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:         Protected        Protected        Protected        Protected
Rights:            Include          Include          Include          Include
Min. Green:      0    0     0     0    0     0     0    0     0     0    0     0
Lanes:         0  0  1  1  0    1  0  2  0  0    0  0  0  0  0    2  0  0  0  1
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:        0 1110    30    80 1270     0     0    0     0    80    0   250
Growth Adj:   1.13 1.13  1.13  1.13 1.13  1.13  1.13 1.13  1.13  1.13 1.13  1.13
Initial Bse:     0 1251    34    90 1431     0     0    0     0    90    0   282
Added Vol:       0   55     0     0   60     0     0    0     0     0    0     0
PasserByVol:     0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:     0 1306    34    90 1491     0     0    0     0    90    0   282
User Adj:     1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Adj:      1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Volume:      0 1306    34    90 1491     0     0    0     0    90    0   282
Reduct Vol:      0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol:     0 1306    34    90 1491     0     0    0     0    90    0   282
PCE Adj:      1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
MLF Adj:      1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
FinalVolume:     0 1306    34    90 1491     0     0    0     0    90    0   282
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:     1700 1700  1700  1700 1700  1700  1700 1700  1700  1700 1700  1700
Adjustment:   1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Lanes:        0.00 1.95  0.05  1.00 2.00  0.00  0.00 0.00  0.00  2.00 0.00  1.00
Final Sat.:      0 3314    86  1700 3400     0     0    0     0  3400    0  1700
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:      0.00 0.39  0.39  0.05 0.44  0.00  0.00 0.00  0.00  0.03 0.00  0.17
Crit Moves:        ****        ****                                      ****
*******************************************************************************
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Cumulative Conditions (2020Mon Mar 30, 2009 18:51:24                  Page 5-1
-------------------------------------------------------------------------------
                  Huntington Beach Traffic Impact Analysis
            Cumulative Conditions (Year 2020) without Project AM
-------------------------------------------------------------------------------
                     Level Of Service Computation Report
       ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)
*******************************************************************************
Intersection #3 Pacific Coast Hwy / Goldenwest St
*******************************************************************************
Cycle (sec):          120               Critical Vol./Cap.(X):          0.712
Loss Time (sec):        6 (Y+R=4.0 sec) Average Delay (sec/veh):       xxxxxx
Optimal Cycle:         43               Level Of Service:                    C
*******************************************************************************
Street Name:         Pacific Coast Hwy                 Goldenwest St
Approach:       North Bound      South Bound      East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:         Protected        Protected        Protected        Protected
Rights:            Include          Include          Include          Include
Min. Green:      0    0     0     0    0     0     0    0     0     0    0     0
Lanes:         1  0  2  0  1    1  0  2  0  0    0  0  0  0  0    1  0  0  0  1
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:       20  970   140   140 1250     0     0    0     0   300    0   140
Growth Adj:   1.13 1.13  1.13  1.13 1.13  1.13  1.13 1.13  1.13  1.13 1.13  1.13
Initial Bse:    23 1093   158   158 1409     0     0    0     0   338    0   158
Added Vol:       0   55    20     0   60     0     0    0     0    30    0     0
PasserByVol:     0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:    23 1148   178   158 1469     0     0    0     0   368    0   158
User Adj:     1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Adj:      1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Volume:     23 1148   178   158 1469     0     0    0     0   368    0   158
Reduct Vol:      0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol:    23 1148   178   158 1469     0     0    0     0   368    0   158
PCE Adj:      1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
MLF Adj:      1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
FinalVolume:    23 1148   178   158 1469     0     0    0     0   368    0   158
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:     1700 1700  1700  1700 1700  1700  1700 1700  1700  1700 1700  1700
Adjustment:   1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Lanes:        1.00 2.00  1.00  1.00 2.00  0.00  0.00 0.00  0.00  1.00 0.00  1.00
Final Sat.:   1700 3400  1700  1700 3400     0     0    0     0  1700    0  1700
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:      0.01 0.34  0.10  0.09 0.43  0.00  0.00 0.00  0.00  0.22 0.00  0.09
Crit Moves:   ****             ****                              ****
*******************************************************************************
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Cumulative Conditions (2020Mon Mar 30, 2009 18:51:24                    Page 6-1
-------------------------------------------------------------------------------
                  Huntington Beach Traffic Impact Analysis
            Cumulative Conditions (Year 2020) without Project AM
-------------------------------------------------------------------------------
                      Level Of Service Computation Report
       ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)
*******************************************************************************
Intersection #4 Pacific Coast Hwy / 17th St
*******************************************************************************
Cycle (sec):          120                 Critical Vol./Cap.(X):          0.602
Loss Time (sec):        6 (Y+R=4.0 sec)   Average Delay (sec/veh):       xxxxxx
Optimal Cycle:         32                 Level Of Service:                    B
*******************************************************************************
Street Name:         Pacific Coast Hwy                      17th St
Approach:       North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:         Protected        Protected        Protected        Protected
Rights:            Include          Include          Include          Include
Min. Green:      0    0     0     0    0     0     0    0     0     0    0     0
Lanes:         0  0  2  0  1    1  0  2  0  0    0  0  0  0  0    1  0  0  0  1
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:        0 1010    30    60 1420     0     0    0     0    80    0    80
Growth Adj:   1.13 1.13  1.13  1.13 1.13  1.13  1.13 1.13  1.13  1.13 1.13  1.13
Initial Bse:     0 1138    34    68 1600     0     0    0     0    90    0    90
Added Vol:       0   75     2     0   90     0     0    0     0     4    0     0
PasserByVol:     0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:     0 1213    36    68 1690     0     0    0     0    94    0    90
User Adj:     1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Adj:      1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Volume:      0 1213    36    68 1690     0     0    0     0    94    0    90
Reduct Vol:      0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol:     0 1213    36    68 1690     0     0    0     0    94    0    90
PCE Adj:      1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
MLF Adj:      1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
FinalVolume:     0 1213    36    68 1690     0     0    0     0    94    0    90
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:     1700 1700  1700  1700 1700  1700  1700 1700  1700  1700 1700  1700
Adjustment:   1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Lanes:        0.00 2.00  1.00  1.00 2.00  0.00  0.00 0.00  0.00  1.00 0.00  1.00
Final Sat.:      0 3400  1700  1700 3400     0     0    0     0  1700    0  1700
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:      0.00 0.36  0.02  0.04 0.50  0.00  0.00 0.00  0.00  0.06 0.00  0.05
Crit Moves:   ****               ****                          ****
*******************************************************************************
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Cumulative Conditions (2020Mon Mar 30, 2009 18:51:24                    Page 7-1
-------------------------------------------------------------------------------
                  Huntington Beach Traffic Impact Analysis
            Cumulative Conditions (Year 2020) without Project AM
-------------------------------------------------------------------------------
                      Level Of Service Computation Report
       ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)
*******************************************************************************
Intersection #5 Pacific Coast Hwy / 9th St
*******************************************************************************
Cycle (sec):         120                Critical Vol./Cap.(X):         0.602
Loss Time (sec):       6 (Y+R=4.0 sec)  Average Delay (sec/veh):      xxxxxx
Optimal Cycle:        32                Level Of Service:                   B
*******************************************************************************
Street Name:         Pacific Coast Hwy                    9th St
Approach:       North Bound      South Bound      East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:         Protected        Protected        Protected        Protected
Rights:            Include          Include          Include          Include
Min. Green:      0    0     0     0    0     0     0    0     0     0    0     0
Lanes:         0  0  2  0  1    1  0  2  0  0    0  0  0  0  0    1  0  0  0  1
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:        0 1050    10    20 1500     0     0    0     0    40    0    20
Growth Adj:   1.13 1.13  1.13  1.13 1.13  1.13  1.13 1.13  1.13  1.13 1.13  1.13
Initial Bse:     0 1183    11    23 1690     0     0    0     0    45    0    23
Added Vol:       0   77     1     0   94     0     0    0     0     2    0     0
PasserByVol:     0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:     0 1260    12    23 1784     0     0    0     0    47    0    23
User Adj:     1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Adj:      1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Volume:      0 1260    12    23 1784     0     0    0     0    47    0    23
Reduct Vol:      0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol:     0 1260    12    23 1784     0     0    0     0    47    0    23
PCE Adj:      1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
MLF Adj:      1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
FinalVolume:     0 1260    12    23 1784     0     0    0     0    47    0    23
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:     1700 1700  1700  1700 1700  1700  1700 1700  1700  1700 1700  1700
Adjustment:   1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Lanes:        0.00 2.00  1.00  1.00 2.00  0.00  0.00 0.00  0.00  1.00 0.00  1.00
Final Sat.:      0 3400  1700  1700 3400     0     0    0     0  1700    0  1700
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:      0.00 0.37  0.01  0.01 0.52  0.00  0.00 0.00  0.00  0.03 0.00  0.01
Crit Moves:   ****               ****                          ****
*******************************************************************************
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Cumulative Conditions (2020Mon Mar 30, 2009 18:51:24                    Page 8-1
-------------------------------------------------------------------------------
                  Huntington Beach Traffic Impact Analysis
            Cumulative Conditions (Year 2020) without Project AM
-------------------------------------------------------------------------------
                      Level Of Service Computation Report
       ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)
*******************************************************************************
Intersection #6 Pacific Coast Hwy / 6th St
*******************************************************************************
Cycle (sec):         120                Critical Vol./Cap.(X):         0.495
Loss Time (sec):       6 (Y+R=4.0 sec)  Average Delay (sec/veh):      xxxxxx
Optimal Cycle:        26                Level Of Service:                  A
*******************************************************************************
Street Name:         Pacific Coast Hwy                      6th St
Approach:       North Bound      South Bound      East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:         Protected        Protected         Permitted        Permitted
Rights:            Include          Include           Include          Include
Min. Green:      0    0    0     0    0    0     0    0    0     0    0    0
Lanes:         1  0  2  1  0    1  0  2  1  0    0  0  1! 0  0    1  0  0  1  0
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:       20  940   20    40 1490   30    30   20   20    30   20   50
Growth Adj:   1.13 1.13  1.13  1.13 1.13  1.13  1.13 1.13 1.13  1.13 1.13  1.13
Initial Bse:    23 1059   23    45 1679   34    34   23   23    34   23   56
Added Vol:       0   56   40    29   66    0     0    0    0    29    0   22
PasserByVol:     0    0    0     0    0    0     0    0    0     0    0    0
Initial Fut:    23 1115   63    74 1745   34    34   23   23    63   23   78
User Adj:     1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
PHF Adj:      1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
PHF Volume:     23 1115   63    74 1745   34    34   23   23    63   23   78
Reduct Vol:      0    0    0     0    0    0     0    0    0     0    0    0
Reduced Vol:    23 1115   63    74 1745   34    34   23   23    63   23   78
PCE Adj:      1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
MLF Adj:      1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
FinalVolume:    23 1115   63    74 1745   34    34   23   23    63   23   78
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:     1700 1700 1700  1700 1700 1700  1700 1700 1700  1700 1700 1700
Adjustment:   1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
Lanes:        1.00 2.84 0.16  1.00 2.94 0.06  0.43 0.29 0.28  1.00 0.22 0.78
Final Sat.:   1700 4829  271  1700 5003   97   729  486  486  1700  380 1320
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:      0.01 0.23 0.23  0.04 0.35 0.35  0.02 0.05 0.05  0.04 0.06 0.06
Crit Moves:   ****            ****            ****            ****
*******************************************************************************
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Cumulative Conditions (2020Mon Mar 30, 2009 18:51:24                 Page 9-1
-------------------------------------------------------------------------------
                  Huntington Beach Traffic Impact Analysis
            Cumulative Conditions (Year 2020) without Project AM
-------------------------------------------------------------------------------
                     Level Of Service Computation Report
       ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)
*******************************************************************************
Intersection #7 Pacific Coast Hwy / Main St
*******************************************************************************
Cycle (sec):          120               Critical Vol./Cap.(X):          0.703
Loss Time (sec):       36 (Y+R=4.0 sec) Average Delay (sec/veh):       xxxxxx
Optimal Cycle:         95               Level Of Service:                    C
*******************************************************************************
Street Name:         Pacific Coast Hwy                    Main St
Approach:       North Bound      South Bound      East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:         Protected        Protected        Protected        Protected
Rights:            Include          Include          Include          Include
Min. Green:      0    0     0     0    0     0     0    0     0     0    0     0
Lanes:         1  0  3  0  1    1  0  3  0  0    0  0  0  0  0    1  0  0  0  1
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:       10  910    60    40 1500     0     0    0     0    50    0    70
Growth Adj:   1.13 1.13  1.13  1.13 1.13  1.13  1.13 1.13  1.13  1.13 1.13  1.13
Initial Bse:    11 1025    68    45 1690     0     0    0     0    56    0    79
Added Vol:       0   96     0     0   96     0     0    0     0     0    0     0
PasserByVol:     0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:    11 1121    68    45 1786     0     0    0     0    56    0    79
User Adj:     1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Adj:      1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Volume:     11 1121    68    45 1786     0     0    0     0    56    0    79
Reduct Vol:      0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol:    11 1121    68    45 1786     0     0    0     0    56    0    79
PCE Adj:      1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
MLF Adj:      1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
FinalVolume:    11 1121    68    45 1786     0     0    0     0    56    0    79
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:     1700 1700  1700  1700 1700  1700  1700 1700  1700  1700 1700  1700
Adjustment:   1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Lanes:        1.00 3.00  1.00  1.00 3.00  0.00  0.00 0.00  0.00  1.00 0.00  1.00
Final Sat.:   1700 5100  1700  1700 5100     0     0    0     0  1700    0  1700
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:      0.01 0.22  0.04  0.03 0.35  0.00  0.00 0.00  0.00  0.03 0.00  0.05
Crit Moves:   ****               ****                                    ****
*******************************************************************************
```

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Cumulative Conditions (2020Mon Mar 30, 2009 18:51:24                 Page 10-1
-------------------------------------------------------------------------------
                  Huntington Beach Traffic Impact Analysis
            Cumulative Conditions (Year 2020) without Project AM
-------------------------------------------------------------------------------
                     Level Of Service Computation Report
       ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)
*******************************************************************************
Intersection #8 Pacific Coast Hwy / 1st St
*******************************************************************************
Cycle (sec):         120                Critical Vol./Cap.(X):         0.506
Loss Time (sec):       6 (Y+R=4.0 sec)  Average Delay (sec/veh):      xxxxxx
Optimal Cycle:        26                Level Of Service:                  A
*******************************************************************************
Street Name:         Pacific Coast Hwy                      1st St
Approach:       North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:         Protected        Protected       Split Phase      Split Phase
Rights:            Include          Include          Include          Include
Min. Green:     0    0     0     0    0     0     0    0     0     0    0     0
Lanes:        1  0  2  1  0    1  0  2  1  0    1  1  0  0  1    1  1  0  0  2
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:       40  800    50    40 1380    60    70   40    30   100   80   110
Growth Adj:   1.13 1.13  1.13  1.13 1.13  1.13  1.13 1.13  1.13  1.13 1.13  1.13
Initial Bse:    45  901    56    45 1555    68    79   45    34   113   90   124
Added Vol:       0   40    44    66   29     0     0    0     0    32    0    56
PasserByVol:     0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:    45  941   100   111 1584    68    79   45    34   145   90   180
User Adj:     1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Adj:      1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Volume:     45  941   100   111 1584    68    79   45    34   145   90   180
Reduct Vol:      0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol:    45  941   100   111 1584    68    79   45    34   145   90   180
PCE Adj:      1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
MLF Adj:      1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
FinalVolume:    45  941   100   111 1584    68    79   45    34   145   90   180
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:     1700 1700  1700  1700 1700  1700  1700 1700  1700  1700 1700  1700
Adjustment:   1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Lanes:        1.00 2.71  0.29  1.00 2.88  0.12  1.27 0.73  1.00  1.23 0.77  2.00
Final Sat.:   1700 4609   491  1700 4891   209  2164 1236  1700  2095 1305  3400
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:      0.03 0.20  0.20  0.07 0.32  0.32  0.04 0.04  0.02  0.07 0.07  0.05
Crit Moves:   ****               ****        ****              ****
*******************************************************************************
```

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Cumulative Conditions (2020Mon Mar 30, 2009 18:51:24                 Page 11-1
-------------------------------------------------------------------------------
                  Huntington Beach Traffic Impact Analysis
            Cumulative Conditions (Year 2020) without Project AM
-------------------------------------------------------------------------------
                     Level Of Service Computation Report
       ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)
*******************************************************************************
Intersection #9 Pacific Coast Hwy / Huntington St
*******************************************************************************
Cycle (sec):         120                 Critical Vol./Cap.(X):          0.664
Loss Time (sec):       6 (Y+R=4.0 sec)   Average Delay (sec/veh):       xxxxxx
Optimal Cycle:        37                 Level Of Service:                    B
*******************************************************************************
Street Name:         Pacific Coast Hwy                  Huntington St
Approach:       North Bound      South Bound      East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:         Protected        Protected         Permitted        Permitted
Rights:            Include          Include           Include          Include
Min. Green:      0    0     0     0    0     0     0    0     0     0    0     0
Lanes:         1  0  2  0  1    1  0  2  0  1    0  1  0  1  0    1  1  0  0  1
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:       50  830    60    30 1460    10    10   20    40    30   60    20
Growth Adj:   1.13 1.13  1.13  1.13 1.13  1.13  1.13 1.13  1.13  1.13 1.13  1.13
Initial Bse:    56  935    68    34 1645    11    11   23    45    34   68    23
Added Vol:       0   83    95     0   62     0     0    0     0    75    0     0
PasserByVol:     0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:    56 1018   163    34 1707    11    11   23    45   109   68    23
User Adj:     1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Adj:      1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Volume:     56 1018   163    34 1707    11    11   23    45   109   68    23
Reduct Vol:      0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol:    56 1018   163    34 1707    11    11   23    45   109   68    23
PCE Adj:      1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
MLF Adj:      1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
FinalVolume:    56 1018   163    34 1707    11    11   23    45   109   68    23
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:     1700 1700  1700  1700 1700  1700  1700 1700  1700  1700 1700  1700
Adjustment:   1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Lanes:        1.00 2.00  1.00  1.00 2.00  1.00  0.29 0.71  1.00  1.23 0.77  1.00
Final Sat.:   1700 3400  1700  1700 3400  1700   486 1214  1700  2097 1303  1700
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:      0.03 0.30  0.10  0.02 0.50  0.01  0.01 0.02  0.03  0.05 0.05  0.01
Crit Moves:   ****               ****                    ****  ****
*******************************************************************************
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Cumulative Conditions (2020Mon Mar 30, 2009 18:51:24                 Page 12-1
-------------------------------------------------------------------------------
                  Huntington Beach Traffic Impact Analysis
            Cumulative Conditions (Year 2020) without Project AM
-------------------------------------------------------------------------------
                     Level Of Service Computation Report
       ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)
*******************************************************************************
Intersection #10 Pacific Coast Hwy / Beach Blvd
*******************************************************************************
Cycle (sec):         120                Critical Vol./Cap.(X):         0.773
Loss Time (sec):       6 (Y+R=4.0 sec)  Average Delay (sec/veh):      xxxxxx
Optimal Cycle:        52                Level Of Service:                 C
*******************************************************************************
Street Name:         Pacific Coast Hwy                  Beach Blvd
Approach:       North Bound      South Bound      East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:         Protected        Protected        Protected        Protected
Rights:            Include          Include          Ignore           Ignore
Min. Green:      0    0    0      0    0    0      0    0    0      0    0    0
Lanes:         1  0  2  0  1    1  0  2  0  1    1  0  2  0  1    2  0  1  0  1
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:       20  860  220   100 1520   30    20   50   10   480   80  160
Growth Adj:   1.13 1.13 1.13  1.13 1.13 1.13  1.13 1.13 1.13  1.13 1.13 1.13
Initial Bse:    23  969  248   113 1713   34    23   56   11   541   90  180
Added Vol:       0  128    0    35  102    0     0    0    0     0    0   50
PasserByVol:     0    0    0     0    0    0     0    0    0     0    0    0
Initial Fut:    23 1097  248   148 1815   34    23   56   11   541   90  230
User Adj:     1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 0.00  1.00 1.00 0.00
PHF Adj:      1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 0.00  1.00 1.00 0.00
PHF Volume:     23 1097  248   148 1815   34    23   56    0   541   90    0
Reduct Vol:      0    0    0     0    0    0     0    0    0     0    0    0
Reduced Vol:    23 1097  248   148 1815   34    23   56    0   541   90    0
PCE Adj:      1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 0.00  1.00 1.00 0.00
MLF Adj:      1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 0.00  1.00 1.00 0.00
FinalVolume:    23 1097  248   148 1815   34    23   56    0   541   90    0
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:     1700 1700 1700  1700 1700 1700  1700 1700 1700  1700 1700 1700
Adjustment:   1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
Lanes:        1.00 2.00 1.00  1.00 2.00 1.00  1.00 2.00 1.00  2.00 1.00 1.00
Final Sat.:   1700 3400 1700  1700 3400 1700  1700 3400 1700  3400 1700 1700
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:      0.01 0.32 0.15  0.09 0.53 0.02  0.01 0.02 0.00  0.16 0.05 0.00
Crit Moves:   ****            ****            ****            ****
*******************************************************************************
```

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Cumulative Conditions (2020Mon Mar 30, 2009 18:51:24                 Page 13-1
-------------------------------------------------------------------------------
                  Huntington Beach Traffic Impact Analysis
            Cumulative Conditions (Year 2020) without Project AM
-------------------------------------------------------------------------------
                     Level Of Service Computation Report
       ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)
*******************************************************************************
Intersection #11 Pacific Coast Hwy /  Newland St
*******************************************************************************
Cycle (sec):         120                Critical Vol./Cap.(X):         0.580
Loss Time (sec):       6 (Y+R=4.0 sec)  Average Delay (sec/veh):      xxxxxx
Optimal Cycle:        31                Level Of Service:                  A
*******************************************************************************
Street Name:         Pacific Coast Hwy                  Newland St
Approach:       North Bound      South Bound      East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:         Protected        Protected       Split Phase      Split Phase
Rights:            Include          Include          Include          Include
Min. Green:      0    0     0     0    0     0     0    0     0     0    0     0
Lanes:         1  0  3  0  1    1  0  3  0  1    0  1  0  1  0    0  1  0  0  1
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:        0  930    30    60 1800     0    10   10     0   160     0   110
Growth Adj:   1.13 1.13  1.13  1.13 1.13  1.13  1.13 1.13  1.13  1.13 1.13  1.13
Initial Bse:     0 1048    34    68 2028     0    11   11     0   180     0   124
Added Vol:       0  128     0     0  102     0     0    0     0     0     0     0
PasserByVol:     0    0     0     0    0     0     0    0     0     0     0     0
Initial Fut:     0 1176    34    68 2130     0    11   11     0   180     0   124
User Adj:     1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Adj:      1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Volume:      0 1176    34    68 2130     0    11   11     0   180     0   124
Reduct Vol:      0    0     0     0    0     0     0    0     0     0     0     0
Reduced Vol:     0 1176    34    68 2130     0    11   11     0   180     0   124
PCE Adj:      1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
MLF Adj:      1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
FinalVolume:     0 1176    34    68 2130     0    11   11     0   180     0   124
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:     1700 1700  1700  1700 1700  1700  1700 1700  1700  1700 1700  1700
Adjustment:   1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Lanes:        1.00 3.00  1.00  1.00 3.00  1.00  1.00 1.00  0.00  1.00 0.00  1.00
Final Sat.:   1700 5100  1700  1700 5100  1700  1700 1700     0  1700    0  1700
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:      0.00 0.23  0.02  0.04 0.42  0.00  0.01 0.01  0.00  0.11 0.00  0.07
Crit Moves:   ****             ****             ****        ****
*******************************************************************************
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Cumulative Conditions (2020Mon Mar 30, 2009 18:51:24                 Page 14-1
-------------------------------------------------------------------------------
                  Huntington Beach Traffic Impact Analysis
            Cumulative Conditions (Year 2020) without Project AM
-------------------------------------------------------------------------------
                      Level Of Service Computation Report
       ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)
*******************************************************************************
Intersection #12 Pacific Coast Hwy / Magnolia St
*******************************************************************************
Cycle (sec):         120                 Critical Vol./Cap.(X):         0.605
Loss Time (sec):       6 (Y+R=4.0 sec)   Average Delay (sec/veh):      xxxxxx
Optimal Cycle:        32                 Level Of Service:                  B
*******************************************************************************
Street Name:         Pacific Coast Hwy                  Magnolia St
Approach:       North Bound      South Bound      East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:         Protected        Protected       Split Phase      Split Phase
Rights:            Include          Include          Include          Include
Min. Green:      0    0    0     0    0    0     0    0    0     0    0    0
Lanes:         1  0  3  0  1    1  0  3  0  1    1  0  0  1  0    1  1  0  0  1
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:       20  840   50    80 1850   30    10   20   10   150   20  140
Growth Adj:   1.13 1.13 1.13  1.13 1.13 1.13  1.13 1.13 1.13  1.13 1.13 1.13
Initial Bse:    23  947   56    90 2085   34    11   23   11   169   23  158
Added Vol:       0  128    0     0  102    0     0    0    0     0    0    0
PasserByVol:     0    0    0     0    0    0     0    0    0     0    0    0
Initial Fut:    23 1075   56    90 2187   34    11   23   11   169   23  158
User Adj:     1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
PHF Adj:      1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
PHF Volume:     23 1075   56    90 2187   34    11   23   11   169   23  158
Reduct Vol:      0    0    0     0    0    0     0    0    0     0    0    0
Reduced Vol:    23 1075   56    90 2187   34    11   23   11   169   23  158
PCE Adj:      1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
MLF Adj:      1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
FinalVolume:    23 1075   56    90 2187   34    11   23   11   169   23  158
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:     1700 1700 1700  1700 1700 1700  1700 1700 1700  1700 1700 1700
Adjustment:   1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
Lanes:        1.00 3.00 1.00  1.00 3.00 1.00  1.00 0.67 0.33  1.76 0.24 1.00
Final Sat.:   1700 5100 1700  1700 5100 1700  1700 1133  567  3000  400 1700
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:      0.01 0.21 0.03  0.05 0.43 0.02  0.01 0.02 0.02  0.06 0.06 0.09
Crit Moves:   ****            ****            ****                 ****
*******************************************************************************
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Huntington Beach Traffic Impact Analysis
Cumulative Conditions (Year 2020) without Project AM

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)

Intersection #13 Pacific Coast Hwy / Brookhurst St

Cycle (sec):	120	Critical Vol./Cap.(X):	0.724
Loss Time (sec):	6 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	44	Level Of Service:	C

Street Name:	Pacific Coast Hwy						Brookhurst St					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	1 0	3 0	1	1 0	3 0	1	1 0	0 1	0	2 0	1 0	1
Volume Module:												
Base Vol:	10	750	210	150	1880	0	10	10	10	660	10	150
Growth Adj:	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13
Initial Bse:	11	845	237	169	2118	0	11	11	11	744	11	169
Added Vol:	0	128	0	0	102	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	11	973	237	169	2220	0	11	11	11	744	11	169
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	11	973	237	169	2220	0	11	11	11	744	11	169
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	11	973	237	169	2220	0	11	11	11	744	11	169
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	11	973	237	169	2220	0	11	11	11	744	11	169
Saturation Flow Module:												
Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	3.00	1.00	1.00	3.00	1.00	1.00	0.50	0.50	2.00	1.00	1.00
Final Sat.:	1700	5100	1700	1700	5100	1700	1700	850	850	3400	1700	1700
Capacity Analysis Module:												
Vol/Sat:	0.01	0.19	0.14	0.10	0.44	0.00	0.01	0.01	0.01	0.22	0.01	0.10
Crit Moves:	****			****			****			****		

Huntington Beach Traffic Impact Analysis
Cumulative Conditions (Year 2020) without Project AM

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)

Intersection #14 Main St / Yorktown Ave

Cycle (sec):	100	Critical Vol./Cap.(X):	0.395
Loss Time (sec):	5 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	20	Level Of Service:	A

Street Name:	Main St						Yorktown Ave					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	1 0	2	0 1	2 0	2	0 1	1 0	2	0 1	1 0	2	0 1
Volume Module:												
Base Vol:	110	360	30	110	330	40	60	340	140	40	340	90
Growth Adj:	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13
Initial Bse:	124	406	34	124	372	45	68	383	158	45	383	101
Added Vol:	0	27	23	0	32	0	0	0	0	31	2	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	124	433	57	124	404	45	68	383	158	76	385	101
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	124	433	57	124	404	45	68	383	158	76	385	101
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	124	433	57	124	404	45	68	383	158	76	385	101
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	124	433	57	124	404	45	68	383	158	76	385	101
Saturation Flow Module:												
Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	2.00	1.00	2.00	2.00	1.00	1.00	2.00	1.00	1.00	2.00	1.00
Final Sat.:	1700	3400	1700	3400	3400	1700	1700	3400	1700	1700	3400	1700
Capacity Analysis Module:												
Vol/Sat:	0.07	0.13	0.03	0.04	0.12	0.03	0.04	0.11	0.09	0.04	0.11	0.06
Crit Moves:	****				****		****				****	

Huntington Beach Traffic Impact Analysis
Cumulative Conditions (Year 2020) without Project AM

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)

Intersection #15 Main St / 17 th St

Cycle (sec):	100	Critical Vol./Cap.(X):	0.297	
Loss Time (sec):	5 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx	
Optimal Cycle:	17	Level Of Service:	A	

Street Name:	Main St						17th St					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Permitted			Permitted			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	1	0 2	0 1	0	0 1	1 1	1	0 0	1 0	1	0 0	0 0
Volume Module:												
Base Vol:	0	290	20	0	350	160	170	10	0	0	0	0
Growth Adj:	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13
Initial Bse:	0	327	23	0	394	180	192	11	0	0	0	0
Added Vol:	0	50	0	0	63	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	377	23	0	457	180	192	11	0	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	377	23	0	457	180	192	11	0	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	377	23	0	457	180	192	11	0	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	377	23	0	457	180	192	11	0	0	0	0
Saturation Flow Module:												
Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	2.00	1.00	0.00	2.00	1.00	1.00	1.00	0.00	1.00	0.00	0.00
Final Sat.:	1700	3400	1700	0	3400	1700	1700	1700	0	1700	0	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.11	0.01	0.00	0.13	0.11	0.11	0.01	0.00	0.00	0.00	0.00
Crit Moves:	****				****		****					

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Cumulative Conditions (2020Mon Mar 30, 2009 18:51:24                 Page 18-1
-------------------------------------------------------------------------------
                  Huntington Beach Traffic Impact Analysis
            Cumulative Conditions (Year 2020) without Project AM
-------------------------------------------------------------------------------
                     Level Of Service Computation Report
       ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)
*******************************************************************************
Intersection #16 Main St / Adams Ave
*******************************************************************************
Cycle (sec):         100                Critical Vol./Cap.(X):         0.517
Loss Time (sec):       5 (Y+R=4.0 sec)  Average Delay (sec/veh):      xxxxxx
Optimal Cycle:        24                Level Of Service:                  A
*******************************************************************************
Street Name:              Main St                        Adams Ave
Approach:       North Bound      South Bound      East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:          Permitted        Permitted        Permitted        Permitted
Rights:             Include          Include          Include          Include
Min. Green:     0    0    0     0    0    0     0    0    0     0    0    0
Lanes:        1  0  1  0  1    1  0  1  0  1    0  1  0  0  1    0  1  0  0  1
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:      20  300  100     50  280   30     10  230   10     60  190   30
Growth Adj:  1.13 1.13 1.13   1.13 1.13 1.13   1.13 1.13 1.13   1.13 1.13 1.13
Initial Bse:   23  338  113     56  316   34     11  259   11     68  214   34
Added Vol:      0   50    8      0   63    0      0    0    0     11    0    0
PasserByVol:    0    0    0      0    0    0      0    0    0      0    0    0
Initial Fut:   23  388  121     56  379   34     11  259   11     79  214   34
User Adj:    1.00 1.00 1.00   1.00 1.00 1.00   1.00 1.00 1.00   1.00 1.00 1.00
PHF Adj:     1.00 1.00 1.00   1.00 1.00 1.00   1.00 1.00 1.00   1.00 1.00 1.00
PHF Volume:    23  388  121     56  379   34     11  259   11     79  214   34
Reduct Vol:     0    0    0      0    0    0      0    0    0      0    0    0
Reduced Vol:   23  388  121     56  379   34     11  259   11     79  214   34
PCE Adj:     1.00 1.00 1.00   1.00 1.00 1.00   1.00 1.00 1.00   1.00 1.00 1.00
MLF Adj:     1.00 1.00 1.00   1.00 1.00 1.00   1.00 1.00 1.00   1.00 1.00 1.00
FinalVolume:   23  388  121     56  379   34     11  259   11     79  214   34
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:    1700 1700 1700   1700 1700 1700   1700 1700 1700   1700 1700 1700
Adjustment:  1.00 1.00 1.00   1.00 1.00 1.00   1.00 1.00 1.00   1.00 1.00 1.00
Lanes:       1.00 1.00 1.00   1.00 1.00 1.00   0.04 0.96 1.00   0.27 0.73 1.00
Final Sat.:  1700 1700 1700   1700 1700 1700     71 1629 1700    457 1243 1700
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.01 0.23 0.07   0.03 0.22 0.02   0.01 0.16 0.01   0.05 0.17 0.02
Crit Moves:       ****             ****             ****             ****
*******************************************************************************
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Cumulative Conditions (2020Mon Mar 30, 2009 18:51:24                 Page 19-1
-------------------------------------------------------------------------------
                  Huntington Beach Traffic Impact Analysis
            Cumulative Conditions (Year 2020) without Project AM
-------------------------------------------------------------------------------
                      Level Of Service Computation Report
       ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)
*******************************************************************************
Intersection #19 Main St / 6th St
*******************************************************************************
Cycle (sec):         100                Critical Vol./Cap.(X):         0.289
Loss Time (sec):       5 (Y+R=4.0 sec)  Average Delay (sec/veh):      xxxxxx
Optimal Cycle:        17                Level Of Service:                  A
*******************************************************************************
Street Name:              Main St                         6th St
Approach:       North Bound      South Bound      East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:          Permitted        Permitted        Permitted        Permitted
Rights:             Include          Include          Include          Include
Min. Green:     0    0    0     0    0    0     0    0    0     0    0    0
Lanes:        1  0  0  1  0    1  0  0  1  0    1  0  1  0  1    1  0  1  0  1
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:       0   80   30    10  130   30    40   40   10    50   50   10
Growth Adj:  1.13 1.13 1.13  1.13 1.13 1.13  1.13 1.13 1.13  1.13 1.13 1.13
Initial Bse:    0   90   34    11  146   34    45   45   11    56   56   11
Added Vol:      0   16    0     0   18   61    45    0    0     0    0    0
PasserByVol:    0    0    0     0    0    0     0    0    0     0    0    0
Initial Fut:    0  106   34    11  164   95    90   45   11    56   56   11
User Adj:    1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
PHF Adj:     1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
PHF Volume:     0  106   34    11  164   95    90   45   11    56   56   11
Reduct Vol:     0    0    0     0    0    0     0    0    0     0    0    0
Reduced Vol:    0  106   34    11  164   95    90   45   11    56   56   11
PCE Adj:     1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
MLF Adj:     1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
FinalVolume:    0  106   34    11  164   95    90   45   11    56   56   11
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:    1700 1700  1700  1700 1700  1700  1700 1700  1700  1700 1700  1700
Adjustment:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Lanes:       1.00 0.76  0.24  1.00 0.63  0.37  1.00 1.00  1.00  1.00 1.00  1.00
Final Sat.:  1700 1289   411  1700 1078   622  1700 1700  1700  1700 1700  1700
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.00 0.08  0.08  0.01 0.15  0.15  0.05 0.03  0.01  0.03 0.03  0.01
Crit Moves:  ****                ****        ****                ****
*******************************************************************************
```

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Cumulative Conditions (2020Mon Mar 30, 2009 18:51:24                Page 20-1
-------------------------------------------------------------------------------
                  Huntington Beach Traffic Impact Analysis
            Cumulative Conditions (Year 2020) without Project AM
-------------------------------------------------------------------------------
                     Level Of Service Computation Report
       ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)
*******************************************************************************
Intersection #22 1st St / Orange Ave & Atlanta Ave
*******************************************************************************
Cycle (sec):         100                Critical Vol./Cap.(X):         0.337
Loss Time (sec):       5 (Y+R=4.0 sec)  Average Delay (sec/veh):      xxxxxx
Optimal Cycle:        18                Level Of Service:                  A
*******************************************************************************
Street Name:                 1st St                  Orange Ave & Atlanta Ave
Approach:       North Bound      South Bound      East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:          Permitted        Permitted        Protected        Protected
Rights:             Include          Include          Include          Include
Min. Green:     0    0    0     0    0    0     0    0    0     0    0    0
Lanes:        0  1  0  0  1    0  1  0  0  0    1  0  1  1  0    1  0  0  1  0
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:      40    0   90    10   10    0     0  130   30   220  150    0
Growth Adj:  1.13 1.13 1.13  1.13 1.13 1.13  1.13 1.13 1.13  1.13 1.13 1.13
Initial Bse:   45    0  101    11   11    0     0  146   34   248  169    0
Added Vol:     17    0    5     0    0    0     0   12   26    13   16    0
PasserByVol:    0    0    0     0    0    0     0    0    0     0    0    0
Initial Fut:   62    0  106    11   11    0     0  158   60   261  185    0
User Adj:    1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
PHF Adj:     1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
PHF Volume:    62    0  106    11   11    0     0  158   60   261  185    0
Reduct Vol:     0    0    0     0    0    0     0    0    0     0    0    0
Reduced Vol:   62    0  106    11   11    0     0  158   60   261  185    0
PCE Adj:     1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
MLF Adj:     1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
FinalVolume:   62    0  106    11   11    0     0  158   60   261  185    0
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:    1700 1700 1700  1700 1700 1700  1700 1700 1700  1700 1700 1700
Adjustment:  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
Lanes:       1.00 0.00 1.00  0.50 0.50 0.00  1.00 1.45 0.55  1.00 1.00 0.00
Final Sat.:  1700    0 1700   850  850    0  1700 2469  931  1700 1700    0
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.04 0.00 0.06  0.01 0.01 0.00  0.00 0.06 0.06  0.15 0.11 0.00
Crit Moves:            ****  ****                ****       ****
*******************************************************************************
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Cumulative Conditions (2020Mon Mar 30, 2009 18:51:24                Page 21-1
-------------------------------------------------------------------------------
                  Huntington Beach Traffic Impact Analysis
            Cumulative Conditions (Year 2020) without Project AM
-------------------------------------------------------------------------------
                      Level Of Service Computation Report
       ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)
*******************************************************************************
Intersection #23 Beach Blvd / Atlanta Ave
*******************************************************************************
Cycle (sec):         120                Critical Vol./Cap.(X):         0.412
Loss Time (sec):       6 (Y+R=4.0 sec)  Average Delay (sec/veh):      xxxxxx
Optimal Cycle:        23                Level Of Service:                  A
*******************************************************************************
Street Name:             Beach Blvd                      Atlanta Ave
Approach:       North Bound      South Bound       East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:          Permitted        Permitted        Protected        Protected
Rights:             Include          Include          Include          Include
Min. Green:     0    0    0     0    0    0     0    0    0     0    0    0
Lanes:        0  1  2  1  0    1  0  2  1  0    1  0  2  0  1    1  0  2  0  1
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:      10  320   60   170  610  110    50  140   30    60  250  170
Growth Adj:  1.13 1.13 1.13  1.13 1.13 1.13  1.13 1.13 1.13  1.13 1.13 1.13
Initial Bse:   11  361   68   192  687  124    56  158   34    68  282  192
Added Vol:      0   86    8     0  126   21    36   35    0    11   43    0
PasserByVol:    0    0    0     0    0    0     0    0    0     0    0    0
Initial Fut:   11  447   76   192  813  145    92  193   34    79  325  192
User Adj:    1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
PHF Adj:     1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
PHF Volume:    11  447   76   192  813  145    92  193   34    79  325  192
Reduct Vol:     0    0    0     0    0    0     0    0    0     0    0    0
Reduced Vol:   11  447   76   192  813  145    92  193   34    79  325  192
PCE Adj:     1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
MLF Adj:     1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
FinalVolume:   11  447   76   192  813  145    92  193   34    79  325  192
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:    1700 1700 1700  1700 1700 1700  1700 1700 1700  1700 1700 1700
Adjustment:  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
Lanes:       0.08 3.35 0.57  1.00 2.55 0.45  1.00 2.00 1.00  1.00 2.00 1.00
Final Sat.:   144 5693  964  1700 4329  771  1700 3400 1700  1700 3400 1700
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.01 0.08 0.08  0.11 0.19 0.19  0.05 0.06 0.02  0.05 0.10 0.11
Crit Moves:  ****            ****        ****                      ****
*******************************************************************************
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Cumulative Conditions (2020Mon Mar 30, 2009 18:51:24                 Page 22-1
-------------------------------------------------------------------------------
                  Huntington Beach Traffic Impact Analysis
             Cumulative Conditions (Year 2020) without Project AM
-------------------------------------------------------------------------------
                      Level Of Service Computation Report
       ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)
*******************************************************************************
Intersection #24 Beach Blvd / Pacific View Ave
*******************************************************************************
Cycle (sec):         120                Critical Vol./Cap.(X):         0.328
Loss Time (sec):       6 (Y+R=4.0 sec)  Average Delay (sec/veh):      xxxxxx
Optimal Cycle:        20                Level Of Service:                  A
*******************************************************************************
Street Name:             Beach Blvd                  Pacific View Ave
Approach:       North Bound      South Bound      East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:        Protected        Protected        Protected        Protected
Rights:           Include          Include          Include          Include
Min. Green:     0    0     0     0    0     0     0    0     0     0    0     0
Lanes:        1  0  3  0  0    1  0  2  1  0    1  0  0  0  1    0  0  0  0  0
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:      30  350     0     0  680    60    50    0    30     0    0     0
Growth Adj:  1.13 1.13  1.13  1.13 1.13  1.13  1.13 1.13  1.13  1.13 1.13  1.13
Initial Bse:   34  394     0     0  766    68    56    0    34     0    0     0
Added Vol:      0   35     0     0   50    86    59    0     0     0    0     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:   34  429     0     0  816   154   115    0    34     0    0     0
User Adj:    1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Adj:     1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Volume:    34  429     0     0  816   154   115    0    34     0    0     0
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol:   34  429     0     0  816   154   115    0    34     0    0     0
PCE Adj:     1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
MLF Adj:     1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
FinalVolume:   34  429     0     0  816   154   115    0    34     0    0     0
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:    1700 1700  1700  1700 1700  1700  1700 1700  1700  1700 1700  1700
Adjustment:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Lanes:       1.00 3.00  0.00  1.00 2.52  0.48  1.00 0.00  1.00  0.00 0.00  0.00
Final Sat.:  1700 5100     0  1700 4292   808  1700    0  1700     0    0     0
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.02 0.08  0.00  0.00 0.19  0.19  0.07 0.00  0.02  0.00 0.00  0.00
Crit Moves:  ****                ****        ****
*******************************************************************************
```

Huntington Beach Traffic Impact Analysis
Cumulative Conditions (Year 2020) without Project PM

Scenario Report

Scenario:	Cumulative Conditions (2020) without Project PM
Command:	Cumulative Conditions (2020) without Project PM
Volume:	Existing PM
Geometry:	Existing
Impact Fee:	Default Impact Fee
Trip Generation:	Approved Projects PM
Trip Distribution:	Project
Paths:	Default Path
Routes:	Default Route
Configuration:	Cumulative Conditions (2020) without Project

Huntington Beach Traffic Impact Analysis
Cumulative Conditions (Year 2020) without Project PM

Impact Analysis Report
Level Of Service

Intersection	Base LOS	Base Del/ Veh	Base V/ C	Future LOS	Future Del/ Veh	Future V/ C	Change in
# 1 Pacific Coast Hwy / Warner Ave	C	xxxxx	0.753	C	xxxxx	0.777	+ 0.025 V/C
# 2 Pacific Coast Hwy / Seapoint A	C	xxxxx	0.772	C	xxxxx	0.797	+ 0.025 V/C
# 3 Pacific Coast Hwy / Goldenwest	D	xxxxx	0.829	D	xxxxx	0.853	+ 0.025 V/C
# 4 Pacific Coast Hwy / 17th St	B	xxxxx	0.676	C	xxxxx	0.714	+ 0.038 V/C
# 5 Pacific Coast Hwy / 9th St	B	xxxxx	0.607	B	xxxxx	0.649	+ 0.042 V/C
# 6 Pacific Coast Hwy / 6th St	A	xxxxx	0.527	B	xxxxx	0.615	+ 0.088 V/C
# 7 Pacific Coast Hwy / Main St	C	xxxxx	0.711	C	xxxxx	0.743	+ 0.032 V/C
# 8 Pacific Coast Hwy / 1st St	A	xxxxx	0.534	B	xxxxx	0.632	+ 0.098 V/C
# 9 Pacific Coast Hwy / Huntington	B	xxxxx	0.650	C	xxxxx	0.735	+ 0.085 V/C
# 10 Pacific Coast Hwy / Beach Blvd	D	xxxxx	0.802	D	xxxxx	0.858	+ 0.056 V/C
# 11 Pacific Coast Hwy / Newland S	B	xxxxx	0.698	C	xxxxx	0.734	+ 0.036 V/C
# 12 Pacific Coast Hwy / Magnolia S	C	xxxxx	0.730	C	xxxxx	0.766	+ 0.036 V/C
# 13 Pacific Coast Hwy / Brookhurst	C	xxxxx	0.756	C	xxxxx	0.792	+ 0.036 V/C
# 14 Main St / Yorktown Ave	A	xxxxx	0.540	A	xxxxx	0.576	+ 0.036 V/C
# 15 Main St / 17 th St	A	xxxxx	0.348	A	xxxxx	0.377	+ 0.029 V/C
# 16 Main St / Adams Ave	B	xxxxx	0.653	C	xxxxx	0.706	+ 0.053 V/C
# 19 Main St / 6th St	A	xxxxx	0.275	A	xxxxx	0.394	+ 0.118 V/C
# 22 1st St / Orange Ave & Atlanta	A	xxxxx	0.385	A	xxxxx	0.432	+ 0.047 V/C
# 23 Beach Blvd / Atlanta Ave	A	xxxxx	0.590	B	xxxxx	0.639	+ 0.049 V/C
# 24 Beach Blvd / Pacific View Ave	A	xxxxx	0.315	A	xxxxx	0.388	+ 0.073 V/C

Huntington Beach Traffic Impact Analysis
Cumulative Conditions (Year 2020) without Project PM

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)

Intersection #1 Pacific Coast Hwy / Warner Ave

Cycle (sec):	120	Critical Vol./Cap.(X):	0.777
Loss Time (sec):	6 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	53	Level Of Service:	C

Street Name:	Pacific Coast Hwy						Warner Ave					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Ovl		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	1 0	2 0	1	2 0	1 1	0	1 0	0 1	0	2 0	1 0	2
Volume Module:												
Base Vol:	20	1190	320	300	1150	30	30	110	40	330	70	550
Growth Adj:	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13
Initial Bse:	23	1341	361	338	1296	34	34	124	45	372	79	620
Added Vol:	0	81	3	0	82	0	0	0	0	3	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	23	1422	364	338	1378	34	34	124	45	375	79	620
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	23	1422	364	338	1378	34	34	124	45	375	79	620
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	23	1422	364	338	1378	34	34	124	45	375	79	620
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	23	1422	364	338	1378	34	34	124	45	375	79	620
OvlAdjVol:												282
Saturation Flow Module:												
Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	2.00	1.00	2.00	1.95	0.05	1.00	0.73	0.27	2.00	1.00	2.00
Final Sat.:	1700	3400	1700	3400	3319	81	1700	1247	453	3400	1700	3400
Capacity Analysis Module:												
Vol/Sat:	0.01	0.42	0.21	0.10	0.42	0.42	0.02	0.10	0.10	0.11	0.05	0.18
OvlAdjV/S:												0.08
Crit Moves:	****			****				****		****		

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Cumulative Conditions (2020Mon Mar 30, 2009 18:51:48                    Page 4-1
-------------------------------------------------------------------------------
                  Huntington Beach Traffic Impact Analysis
            Cumulative Conditions (Year 2020) without Project PM
-------------------------------------------------------------------------------
                     Level Of Service Computation Report
       ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)
*******************************************************************************
Intersection #2 Pacific Coast Hwy / Seapoint Ave
*******************************************************************************
Cycle (sec):         120               Critical Vol./Cap.(X):         0.797
Loss Time (sec):       6 (Y+R=4.0 sec) Average Delay (sec/veh):      xxxxxx
Optimal Cycle:        57               Level Of Service:                 C
*******************************************************************************
Street Name:         Pacific Coast Hwy                 Seapoint Ave
Approach:       North Bound      South Bound      East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:         Protected        Protected        Protected        Protected
Rights:            Include          Include          Include          Include
Min. Green:      0    0    0      0    0    0      0    0    0      0    0    0
Lanes:         0  0  1  1  0    1  0  2  0  0    0  0  0  0  0    2  0  0  0  1
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:        0 1350   70    210 1370    0      0    0    0     40    0  170
Growth Adj:   1.13 1.13 1.13   1.13 1.13 1.13   1.13 1.13 1.13   1.13 1.13 1.13
Initial Bse:     0 1521   79    237 1544    0      0    0    0     45    0  192
Added Vol:       0   84    0      0   86    0      0    0    0      0    0    0
PasserByVol:     0    0    0      0    0    0      0    0    0      0    0    0
Initial Fut:     0 1605   79    237 1630    0      0    0    0     45    0  192
User Adj:     1.00 1.00 1.00   1.00 1.00 1.00   1.00 1.00 1.00   1.00 1.00 1.00
PHF Adj:      1.00 1.00 1.00   1.00 1.00 1.00   1.00 1.00 1.00   1.00 1.00 1.00
PHF Volume:      0 1605   79    237 1630    0      0    0    0     45    0  192
Reduct Vol:      0    0    0      0    0    0      0    0    0      0    0    0
Reduced Vol:     0 1605   79    237 1630    0      0    0    0     45    0  192
PCE Adj:      1.00 1.00 1.00   1.00 1.00 1.00   1.00 1.00 1.00   1.00 1.00 1.00
MLF Adj:      1.00 1.00 1.00   1.00 1.00 1.00   1.00 1.00 1.00   1.00 1.00 1.00
FinalVolume:     0 1605   79    237 1630    0      0    0    0     45    0  192
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:     1700 1700 1700   1700 1700 1700   1700 1700 1700   1700 1700 1700
Adjustment:   1.00 1.00 1.00   1.00 1.00 1.00   1.00 1.00 1.00   1.00 1.00 1.00
Lanes:        0.00 1.91 0.09   1.00 2.00 0.00   0.00 0.00 0.00   2.00 0.00 1.00
Final Sat.:      0 3241  159   1700 3400    0      0    0    0   3400    0 1700
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:      0.00 0.50 0.50   0.14 0.48 0.00   0.00 0.00 0.00   0.01 0.00 0.11
Crit Moves:        ****        ****                                        ****
*******************************************************************************
```

Huntington Beach Traffic Impact Analysis
Cumulative Conditions (Year 2020) without Project PM

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)

Intersection #3 Pacific Coast Hwy / Goldenwest St

Cycle (sec):	120	Critical Vol./Cap.(X):	0.853
Loss Time (sec):	6 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	73	Level Of Service:	D

Street Name:	Pacific Coast Hwy						Goldenwest St					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	1 0	2 0	1	1 0	2 0	0	0 0	0 0	0	1 0	0 0	1
Volume Module:												
Base Vol:	10	1250	220	320	1060	0	0	0	0	190	0	230
Growth Adj:	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13
Initial Bse:	11	1409	248	361	1194	0	0	0	0	214	0	259
Added Vol:	0	84	45	0	86	0	0	0	0	45	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	11	1493	293	361	1280	0	0	0	0	259	0	259
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	11	1493	293	361	1280	0	0	0	0	259	0	259
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	11	1493	293	361	1280	0	0	0	0	259	0	259
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	11	1493	293	361	1280	0	0	0	0	259	0	259
Saturation Flow Module:												
Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	2.00	1.00	1.00	2.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00
Final Sat.:	1700	3400	1700	1700	3400	0	0	0	0	1700	0	1700
Capacity Analysis Module:												
Vol/Sat:	0.01	0.44	0.17	0.21	0.38	0.00	0.00	0.00	0.00	0.15	0.00	0.15
Crit Moves:		****		****						****		

Huntington Beach Traffic Impact Analysis
Cumulative Conditions (Year 2020) without Project PM

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)

Intersection #4 Pacific Coast Hwy / 17th St

Cycle (sec):	120	Critical Vol./Cap.(X):	0.714
Loss Time (sec):	6 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	43	Level Of Service:	C

Street Name:	Pacific Coast Hwy						17th St					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	0 0	2	0 1	1 0	2	0 0	0 0	0	0 0	1 0	0	0 1
Volume Module:												
Base Vol:	0	1390	70	160	1110	0	0	0	0	50	0	90
Growth Adj:	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13
Initial Bse:	0	1566	79	180	1251	0	0	0	0	56	0	101
Added Vol:	0	129	8	0	131	0	0	0	0	6	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	1695	87	180	1382	0	0	0	0	62	0	101
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	1695	87	180	1382	0	0	0	0	62	0	101
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	1695	87	180	1382	0	0	0	0	62	0	101
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	1695	87	180	1382	0	0	0	0	62	0	101
Saturation Flow Module:												
Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.00	2.00	1.00	1.00	2.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00
Final Sat.:	0	3400	1700	1700	3400	0	0	0	0	1700	0	1700
Capacity Analysis Module:												
Vol/Sat:	0.00	0.50	0.05	0.11	0.41	0.00	0.00	0.00	0.00	0.04	0.00	0.06
Crit Moves:		****		****								****

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Cumulative Conditions (2020Mon Mar 30, 2009 18:51:48                    Page 7-1
-------------------------------------------------------------------------------
                  Huntington Beach Traffic Impact Analysis
             Cumulative Conditions (Year 2020) without Project PM
-------------------------------------------------------------------------------
                       Level Of Service Computation Report
       ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)
*******************************************************************************
Intersection #5 Pacific Coast Hwy / 9th St
*******************************************************************************
Cycle (sec):         120                 Critical Vol./Cap.(X):         0.649
Loss Time (sec):       6 (Y+R=4.0 sec)   Average Delay (sec/veh):      xxxxxx
Optimal Cycle:        36                 Level Of Service:                  B
*******************************************************************************
Street Name:         Pacific Coast Hwy                    9th St
Approach:       North Bound      South Bound      East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:         Protected        Protected        Protected        Protected
Rights:            Include          Include          Include          Include
Min. Green:      0    0     0     0    0     0     0    0     0     0    0     0
Lanes:         0  0  2  0  1    1  0  2  0  0    0  0  0  0  0    1  0  0  0  1
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:        0 1540    30    20 1150     0     0    0     0    50    0    20
Growth Adj:   1.13 1.13  1.13  1.13 1.13  1.13  1.13 1.13  1.13  1.13 1.13  1.13
Initial Bse:     0 1735    34    23 1296     0     0    0     0    56    0    23
Added Vol:       0  138     4     0  137     0     0    0     0     3    0     0
PasserByVol:     0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:     0 1873    38    23 1433     0     0    0     0    59    0    23
User Adj:     1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Adj:      1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Volume:      0 1873    38    23 1433     0     0    0     0    59    0    23
Reduct Vol:      0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol:     0 1873    38    23 1433     0     0    0     0    59    0    23
PCE Adj:      1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
MLF Adj:      1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
FinalVolume:     0 1873    38    23 1433     0     0    0     0    59    0    23
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:     1700 1700  1700  1700 1700  1700  1700 1700  1700  1700 1700  1700
Adjustment:   1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Lanes:        0.00 2.00  1.00  1.00 2.00  0.00  0.00 0.00  0.00  1.00 0.00  1.00
Final Sat.:      0 3400  1700  1700 3400     0     0    0     0  1700    0  1700
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:      0.00 0.55  0.02  0.01 0.42  0.00  0.00 0.00  0.00  0.03 0.00  0.01
Crit Moves:        ****        ****                              ****
*******************************************************************************
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Cumulative Conditions (2020Mon Mar 30, 2009 18:51:48                    Page 8-1
------------------------------------------------------------------------------
                  Huntington Beach Traffic Impact Analysis
            Cumulative Conditions (Year 2020) without Project PM
------------------------------------------------------------------------------
                      Level Of Service Computation Report
       ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)
******************************************************************************
Intersection #6 Pacific Coast Hwy / 6th St
******************************************************************************
Cycle (sec):          120                Critical Vol./Cap.(X):          0.615
Loss Time (sec):        6 (Y+R=4.0 sec)  Average Delay (sec/veh):       xxxxxx
Optimal Cycle:         33                Level Of Service:                    B
******************************************************************************
Street Name:         Pacific Coast Hwy                      6th St
Approach:       North Bound      South Bound      East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:         Protected        Protected         Permitted        Permitted
Rights:            Include          Include           Include          Include
Min. Green:      0    0     0     0    0     0     0    0     0     0    0     0
Lanes:         1  0  2  1  0    1  0  2  1  0    0  0  1! 0  0    1  0  0  1  0
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:       40 1360    50    80 1030    30    40   20    70    40   30    70
Growth Adj:   1.13 1.13  1.13  1.13 1.13  1.13  1.13 1.13  1.13  1.13 1.13  1.13
Initial Bse:    45 1532    56    90 1161    34    45   23    79    45   34    79
Added Vol:       0  103    58    43   97     0     0    0     0    53    0    39
PasserByVol:     0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:    45 1635   114   133 1258    34    45   23    79    98   34   118
User Adj:     1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Adj:      1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Volume:     45 1635   114   133 1258    34    45   23    79    98   34   118
Reduct Vol:      0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol:    45 1635   114   133 1258    34    45   23    79    98   34   118
PCE Adj:      1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
MLF Adj:      1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
FinalVolume:    45 1635   114   133 1258    34    45   23    79    98   34   118
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:     1700 1700  1700  1700 1700  1700  1700 1700  1700  1700 1700  1700
Adjustment:   1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Lanes:        1.00 2.80  0.20  1.00 2.92  0.08  0.31 0.15  0.54  1.00 0.22  0.78
Final Sat.:   1700 4767   333  1700 4967   133   523  262   915  1700  379  1321
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:      0.03 0.34  0.34  0.08 0.25  0.25  0.03 0.09  0.09  0.06 0.09  0.09
Crit Moves:        ****        ****             ****        ****
******************************************************************************

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Huntington Beach Traffic Impact Analysis
Cumulative Conditions (Year 2020) without Project PM

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)

Intersection #7 Pacific Coast Hwy / Main St

Cycle (sec):	120	Critical Vol./Cap.(X):	0.743
Loss Time (sec):	36 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	101	Level Of Service:	C

Street Name:	Pacific Coast Hwy						Main St					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	1 0	3 0	1	1 0	3 0	0	0 0	0 0	0	1 0	0 0	1
Volume Module:												
Base Vol:	40	1320	130	90	1040	0	0	0	0	90	0	90
Growth Adj:	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13
Initial Bse:	45	1487	146	101	1172	0	0	0	0	101	0	101
Added Vol:	0	161	0	0	149	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	45	1648	146	101	1321	0	0	0	0	101	0	101
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	45	1648	146	101	1321	0	0	0	0	101	0	101
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	45	1648	146	101	1321	0	0	0	0	101	0	101
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	45	1648	146	101	1321	0	0	0	0	101	0	101
Saturation Flow Module:												
Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	3.00	1.00	1.00	3.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00
Final Sat.:	1700	5100	1700	1700	5100	0	0	0	0	1700	0	1700
Capacity Analysis Module:												
Vol/Sat:	0.03	0.32	0.09	0.06	0.26	0.00	0.00	0.00	0.00	0.06	0.00	0.06
Crit Moves:		****			****						****	

Huntington Beach Traffic Impact Analysis
Cumulative Conditions (Year 2020) without Project PM

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)

Intersection #8 Pacific Coast Hwy / 1st St

Cycle (sec):	120	Critical Vol./Cap.(X):	0.632
Loss Time (sec):	6 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	34	Level Of Service:	B

Street Name:	Pacific Coast Hwy						1st St					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Split Phase			Split Phase		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	1 0	2	1 0	1 0	2	1 0	1 1	0	0 1	1 1	0	0 2
Volume Module:												
Base Vol:	50	1430	70	100	1000	20	60	40	60	110	30	50
Growth Adj:	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13
Initial Bse:	56	1611	79	113	1127	23	68	45	68	124	34	56
Added Vol:	0	58	64	97	53	0	0	0	0	58	0	103
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	56	1669	143	210	1180	23	68	45	68	182	34	159
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	56	1669	143	210	1180	23	68	45	68	182	34	159
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	56	1669	143	210	1180	23	68	45	68	182	34	159
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	56	1669	143	210	1180	23	68	45	68	182	34	159
Saturation Flow Module:												
Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	2.76	0.24	1.00	2.94	0.06	1.20	0.80	1.00	1.69	0.31	2.00
Final Sat.:	1700	4698	402	1700	5004	96	2040	1360	1700	2867	533	3400
Capacity Analysis Module:												
Vol/Sat:	0.03	0.36	0.36	0.12	0.24	0.24	0.03	0.03	0.04	0.06	0.06	0.05
Crit Moves:		****			****				****		****	

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Cumulative Conditions (2020Mon Mar 30, 2009 18:51:48                  Page 11-1
-------------------------------------------------------------------------------
                  Huntington Beach Traffic Impact Analysis
            Cumulative Conditions (Year 2020) without Project PM
-------------------------------------------------------------------------------
                       Level Of Service Computation Report
       ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)
*******************************************************************************
Intersection #9 Pacific Coast Hwy / Huntington St
*******************************************************************************
Cycle (sec):         120                 Critical Vol./Cap.(X):         0.735
Loss Time (sec):       6 (Y+R=4.0 sec)   Average Delay (sec/veh):      xxxxxx
Optimal Cycle:        46                 Level Of Service:                  C
*******************************************************************************
Street Name:         Pacific Coast Hwy                  Huntington St
Approach:       North Bound      South Bound      East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:        Protected        Protected        Permitted        Permitted
Rights:           Include          Include          Include          Include
Min. Green:     0    0     0     0    0     0     0    0     0     0    0     0
Lanes:        1  0  2  0  1    1  0  2  0  1    0  1  0  1  0    1  1  0  0  1
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:      40 1520    70    50 1060    10    40   50    80    10   30    30
Growth Adj:  1.13 1.13  1.13  1.13 1.13  1.13  1.13 1.13  1.13  1.13 1.13  1.13
Initial Bse:   45 1713    79    56 1194    11    45   56    90    11   34    34
Added Vol:      0  123   134     0  111     0     0    0     0   145    0     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:   45 1836   213    56 1305    11    45   56    90   156   34    34
User Adj:    1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Adj:     1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Volume:    45 1836   213    56 1305    11    45   56    90   156   34    34
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol:   45 1836   213    56 1305    11    45   56    90   156   34    34
PCE Adj:     1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
MLF Adj:     1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
FinalVolume:   45 1836   213    56 1305    11    45   56    90   156   34    34
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:    1700 1700  1700  1700 1700  1700  1700 1700  1700  1700 1700  1700
Adjustment:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Lanes:       1.00 2.00  1.00  1.00 2.00  1.00  0.47 0.59  0.94  1.64 0.36  1.00
Final Sat.:  1700 3400  1700  1700 3400  1700   800 1000  1600  2795  605  1700
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.03 0.54  0.13  0.03 0.38  0.01  0.03 0.06  0.06  0.06 0.06  0.02
Crit Moves:       ****        ****             ****        ****
*******************************************************************************
```

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Cumulative Conditions (2020Mon Mar 30, 2009 18:51:48                Page 12-1
-------------------------------------------------------------------------------
                  Huntington Beach Traffic Impact Analysis
            Cumulative Conditions (Year 2020) without Project PM
-------------------------------------------------------------------------------
                     Level Of Service Computation Report
       ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)
*******************************************************************************
Intersection #10 Pacific Coast Hwy / Beach Blvd
*******************************************************************************
Cycle (sec):         120                Critical Vol./Cap.(X):         0.858
Loss Time (sec):       6 (Y+R=4.0 sec)  Average Delay (sec/veh):      xxxxxx
Optimal Cycle:        75                Level Of Service:                  D
*******************************************************************************
Street Name:         Pacific Coast Hwy                  Beach Blvd
Approach:       North Bound      South Bound      East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:         Protected        Protected        Protected        Protected
Rights:            Include          Include          Ignore           Ignore
Min. Green:      0    0     0     0    0     0     0    0     0     0    0     0
Lanes:         1  0  2  0  1    1  0  2  0  1    1  0  2  0  1    2  0  1  0  1
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:       40 1380   750   190 1010    30    20   50    30   340   50   110
Growth Adj:   1.13 1.13  1.13  1.13 1.13  1.13  1.13 1.13  1.13  1.13 1.13  1.13
Initial Bse:    45 1555   845   214 1138    34    23   56    34   383   56   124
Added Vol:       0  182     0    71  184     0     0    0     0     0    0    74
PasserByVol:     0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:    45 1737   845   285 1322    34    23   56    34   383   56   198
User Adj:     1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  0.00  1.00 1.00  0.00
PHF Adj:      1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  0.00  1.00 1.00  0.00
PHF Volume:     45 1737   845   285 1322    34    23   56     0   383   56     0
Reduct Vol:      0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol:    45 1737   845   285 1322    34    23   56     0   383   56     0
PCE Adj:      1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  0.00  1.00 1.00  0.00
MLF Adj:      1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  0.00  1.00 1.00  0.00
FinalVolume:    45 1737   845   285 1322    34    23   56     0   383   56     0
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:     1700 1700  1700  1700 1700  1700  1700 1700  1700  1700 1700  1700
Adjustment:   1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Lanes:        1.00 2.00  1.00  1.00 2.00  1.00  1.00 2.00  1.00  2.00 1.00  1.00
Final Sat.:   1700 3400  1700  1700 3400  1700  1700 3400  1700  3400 1700  1700
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:      0.03 0.51  0.50  0.17 0.39  0.02  0.01 0.02  0.00  0.11 0.03  0.00
Crit Moves:        ****        ****              ****        ****
*******************************************************************************
```

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Cumulative Conditions (2020Mon Mar 30, 2009 18:51:48                    Page 13-1
------------------------------------------------------------------------------
                  Huntington Beach Traffic Impact Analysis
             Cumulative Conditions (Year 2020) without Project PM
------------------------------------------------------------------------------
                      Level Of Service Computation Report
       ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)
******************************************************************************
Intersection #11 Pacific Coast Hwy /  Newland St
******************************************************************************
Cycle (sec):         120                Critical Vol./Cap.(X):         0.734
Loss Time (sec):       6 (Y+R=4.0 sec)  Average Delay (sec/veh):      xxxxxx
Optimal Cycle:        46                Level Of Service:                  C
******************************************************************************
Street Name:         Pacific Coast Hwy                    Newland St
Approach:       North Bound      South Bound      East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:         Protected        Protected       Split Phase      Split Phase
Rights:            Include          Include          Include          Include
Min. Green:      0    0     0     0    0     0     0    0     0     0    0     0
Lanes:         1  0  3  0  1    1  0  3  0  1    0  1  0  1  0    0  1  0  0  1
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:        0 2080   270   150 1150    10     0   10     0   100     0   130
Growth Adj:   1.13 1.13  1.13  1.13 1.13  1.13  1.13 1.13  1.13  1.13 1.13  1.13
Initial Bse:     0 2344   304   169 1296    11     0   11     0   113     0   146
Added Vol:       0  182     0     0  184     0     0    0     0     0     0     0
PasserByVol:     0    0     0     0    0     0     0    0     0     0     0     0
Initial Fut:     0 2526   304   169 1480    11     0   11     0   113     0   146
User Adj:     1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Adj:      1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Volume:      0 2526   304   169 1480    11     0   11     0   113     0   146
Reduct Vol:      0    0     0     0    0     0     0    0     0     0     0     0
Reduced Vol:     0 2526   304   169 1480    11     0   11     0   113     0   146
PCE Adj:      1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
MLF Adj:      1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
FinalVolume:     0 2526   304   169 1480    11     0   11     0   113     0   146
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:     1700 1700  1700  1700 1700  1700  1700 1700  1700  1700 1700  1700
Adjustment:   1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Lanes:        1.00 3.00  1.00  1.00 3.00  1.00  0.00 2.00  0.00  1.00 0.00  1.00
Final Sat.:   1700 5100  1700  1700 5100  1700     0 3400     0  1700    0  1700
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:      0.00 0.50  0.18  0.10 0.29  0.01  0.00 0.00  0.00  0.07 0.00  0.09
Crit Moves:        ****        ****             ****                    ****
******************************************************************************
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Cumulative Conditions (2020Mon Mar 30, 2009 18:51:48 Page 14-1

Huntington Beach Traffic Impact Analysis
Cumulative Conditions (Year 2020) without Project PM

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)

Intersection #12 Pacific Coast Hwy / Magnolia St

Cycle (sec):	120	Critical Vol./Cap.(X):	0.766
Loss Time (sec):	6 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	51	Level Of Service:	C

Street Name:	Pacific Coast Hwy						Magnolia St					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Split Phase			Split Phase		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	1 0	3	0 1	1 0	3	0 1	1 0	0	1 0	1 1	0	0 1
Volume Module:												
Base Vol:	30	2390	180	120	1070	30	20	30	10	70	30	70
Growth Adj:	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13
Initial Bse:	34	2693	203	135	1206	34	23	34	11	79	34	79
Added Vol:	0	182	0	0	184	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	34	2875	203	135	1390	34	23	34	11	79	34	79
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	34	2875	203	135	1390	34	23	34	11	79	34	79
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	34	2875	203	135	1390	34	23	34	11	79	34	79
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	34	2875	203	135	1390	34	23	34	11	79	34	79
Saturation Flow Module:												
Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	3.00	1.00	1.00	3.00	1.00	1.00	0.75	0.25	1.40	0.60	1.00
Final Sat.:	1700	5100	1700	1700	5100	1700	1700	1275	425	2380	1020	1700
Capacity Analysis Module:												
Vol/Sat:	0.02	0.56	0.12	0.08	0.27	0.02	0.01	0.03	0.03	0.03	0.03	0.05
Crit Moves:		****		****				****				****

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Cumulative Conditions (2020Mon Mar 30, 2009 18:51:48                Page 15-1
-------------------------------------------------------------------------------
                  Huntington Beach Traffic Impact Analysis
            Cumulative Conditions (Year 2020) without Project PM
-------------------------------------------------------------------------------
                      Level Of Service Computation Report
       ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)
*******************************************************************************
Intersection #13 Pacific Coast Hwy / Brookhurst St
*******************************************************************************
Cycle (sec):         120                Critical Vol./Cap.(X):         0.792
Loss Time (sec):       6 (Y+R=4.0 sec)  Average Delay (sec/veh):      xxxxxx
Optimal Cycle:        56                Level Of Service:                  C
*******************************************************************************
Street Name:         Pacific Coast Hwy                  Brookhurst St
Approach:       North Bound      South Bound      East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:         Protected        Protected        Protected        Protected
Rights:            Include          Include          Include          Include
Min. Green:      0    0     0     0    0     0     0    0     0     0    0     0
Lanes:         1  0  3  0  1    1  0  3  0  1    1  0  0  1  0    2  0  1  0  1
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:       20 2010   540   190 1240    10    20   40    30   270   30   140
Growth Adj:   1.13 1.13  1.13  1.13 1.13  1.13  1.13 1.13  1.13  1.13 1.13  1.13
Initial Bse:    23 2265   608   214 1397    11    23   45    34   304   34   158
Added Vol:       0  182     0     0  184     0     0    0     0     0    0     0
PasserByVol:     0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:    23 2447   608   214 1581    11    23   45    34   304   34   158
User Adj:     1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Adj:      1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Volume:     23 2447   608   214 1581    11    23   45    34   304   34   158
Reduct Vol:      0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol:    23 2447   608   214 1581    11    23   45    34   304   34   158
PCE Adj:      1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
MLF Adj:      1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
FinalVolume:    23 2447   608   214 1581    11    23   45    34   304   34   158
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:     1700 1700  1700  1700 1700  1700  1700 1700  1700  1700 1700  1700
Adjustment:   1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Lanes:        1.00 3.00  1.00  1.00 3.00  1.00  1.00 0.57  0.43  2.00 1.00  1.00
Final Sat.:   1700 5100  1700  1700 5100  1700  1700  971   729  3400 1700  1700
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:      0.01 0.48  0.36  0.13 0.31  0.01  0.01 0.05  0.05  0.09 0.02  0.09
Crit Moves:        ****        ****              ****        ****
*******************************************************************************
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Huntington Beach Traffic Impact Analysis
Cumulative Conditions (Year 2020) without Project PM

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)

Intersection #14 Main St / Yorktown Ave

Cycle (sec):	100	Critical Vol./Cap.(X):	0.576
Loss Time (sec):	5 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	27	Level Of Service:	A

Street Name:	Main St						Yorktown Ave					
Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	1 0	2	0 1	2 0	2	0 1	1 0	2	0 1	1 0	2	0 1
Volume Module:												
Base Vol:	190	390	50	230	460	90	70	460	150	80	500	160
Growth Adj:	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13
Initial Bse:	214	439	56	259	518	101	79	518	169	90	563	180
Added Vol:	0	49	41	0	52	0	0	2	0	45	1	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	214	488	97	259	570	101	79	520	169	135	564	180
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	214	488	97	259	570	101	79	520	169	135	564	180
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	214	488	97	259	570	101	79	520	169	135	564	180
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	214	488	97	259	570	101	79	520	169	135	564	180
Saturation Flow Module:												
Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	2.00	1.00	2.00	2.00	1.00	1.00	2.00	1.00	1.00	2.00	1.00
Final Sat.:	1700	3400	1700	3400	3400	1700	1700	3400	1700	1700	3400	1700
Capacity Analysis Module:												
Vol/Sat:	0.13	0.14	0.06	0.08	0.17	0.06	0.05	0.15	0.10	0.08	0.17	0.11
Crit Moves:	****				****			****			****	

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Cumulative Conditions (2020Mon Mar 30, 2009 18:51:48                 Page 17-1
-------------------------------------------------------------------------------
                  Huntington Beach Traffic Impact Analysis
             Cumulative Conditions (Year 2020) without Project PM
-------------------------------------------------------------------------------
                      Level Of Service Computation Report
       ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)
*******************************************************************************
Intersection #15 Main St / 17 th St
*******************************************************************************
Cycle (sec):         100                 Critical Vol./Cap.(X):          0.377
Loss Time (sec):       5 (Y+R=4.0 sec)   Average Delay (sec/veh):       xxxxxx
Optimal Cycle:        19                 Level Of Service:                    A
*******************************************************************************
Street Name:              Main St                          17th St
Approach:       North Bound       South Bound       East Bound       West Bound
Movement:     L  -  T  -  R     L  -  T  -  R     L  -  T  -  R     L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:          Permitted         Permitted         Permitted         Permitted
Rights:             Include           Include           Include           Include
Min. Green:     0    0    0      0    0    0      0    0    0      0    0    0
Lanes:        1  0  2  0  1     0  0  1  1  1     1  0  0  1  0     1  0  0  0  0
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:      10  430   10      0  520  180    180   10    0      0    0    0
Growth Adj:  1.13 1.13  1.13   1.13 1.13 1.13   1.13 1.13  1.13   1.13 1.13 1.13
Initial Bse:   11  485   11      0  586  203    203   11    0      0    0    0
Added Vol:      0   90    0      0   97    0      0    0    0      0    0    0
PasserByVol:    0    0    0      0    0    0      0    0    0      0    0    0
Initial Fut:   11  575   11      0  683  203    203   11    0      0    0    0
User Adj:    1.00 1.00  1.00   1.00 1.00 1.00   1.00 1.00 1.00   1.00 1.00 1.00
PHF Adj:     1.00 1.00  1.00   1.00 1.00 1.00   1.00 1.00 1.00   1.00 1.00 1.00
PHF Volume:    11  575   11      0  683  203    203   11    0      0    0    0
Reduct Vol:     0    0    0      0    0    0      0    0    0      0    0    0
Reduced Vol:   11  575   11      0  683  203    203   11    0      0    0    0
PCE Adj:     1.00 1.00  1.00   1.00 1.00 1.00   1.00 1.00 1.00   1.00 1.00 1.00
MLF Adj:     1.00 1.00  1.00   1.00 1.00 1.00   1.00 1.00 1.00   1.00 1.00 1.00
FinalVolume:   11  575   11      0  683  203    203   11    0      0    0    0
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:    1700 1700  1700   1700 1700 1700   1700 1700 1700   1700 1700 1700
Adjustment:  1.00 1.00  1.00   1.00 1.00 1.00   1.00 1.00 1.00   1.00 1.00 1.00
Lanes:       1.00 2.00  1.00   0.00 2.00 1.00   1.00 1.00 0.00   1.00 0.00 0.00
Final Sat.:  1700 3400  1700      0 3400 1700   1700 1700    0   1700    0    0
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.01 0.17  0.01   0.00 0.20 0.12   0.12 0.01 0.00   0.00 0.00 0.00
Crit Moves:  ****               ****             ****
*******************************************************************************
```

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Cumulative Conditions (2020Mon Mar 30, 2009 18:51:48                Page 18-1
-------------------------------------------------------------------------------
                  Huntington Beach Traffic Impact Analysis
            Cumulative Conditions (Year 2020) without Project PM
-------------------------------------------------------------------------------
                      Level Of Service Computation Report
       ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)
*******************************************************************************
Intersection #16 Main St / Adams Ave
*******************************************************************************
Cycle (sec):         100                Critical Vol./Cap.(X):         0.706
Loss Time (sec):       5 (Y+R=4.0 sec)  Average Delay (sec/veh):      xxxxxx
Optimal Cycle:        38                Level Of Service:                  C
*******************************************************************************
Street Name:             Main St                        Adams Ave
Approach:       North Bound      South Bound      East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:          Permitted        Permitted        Permitted        Permitted
Rights:            Include          Include          Include          Include
Min. Green:      0    0    0      0    0    0      0    0    0      0    0    0
Lanes:         1  0  1  0  1    1  0  1  0  1    0  1  0  0  1    0  1  0  0  1
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:       10  370   90     80  420   10      0  160   10    180  280   60
Growth Adj:   1.13 1.13 1.13   1.13 1.13 1.13   1.13 1.13 1.13   1.13 1.13 1.13
Initial Bse:    11  417  101     90  473   11      0  180   11    203  316   68
Added Vol:       0   90   15      0   97    0      0    0    0     16    0    0
PasserByVol:     0    0    0      0    0    0      0    0    0      0    0    0
Initial Fut:    11  507  116     90  570   11      0  180   11    219  316   68
User Adj:     1.00 1.00 1.00   1.00 1.00 1.00   1.00 1.00 1.00   1.00 1.00 1.00
PHF Adj:      1.00 1.00 1.00   1.00 1.00 1.00   1.00 1.00 1.00   1.00 1.00 1.00
PHF Volume:     11  507  116     90  570   11      0  180   11    219  316   68
Reduct Vol:      0    0    0      0    0    0      0    0    0      0    0    0
Reduced Vol:    11  507  116     90  570   11      0  180   11    219  316   68
PCE Adj:      1.00 1.00 1.00   1.00 1.00 1.00   1.00 1.00 1.00   1.00 1.00 1.00
MLF Adj:      1.00 1.00 1.00   1.00 1.00 1.00   1.00 1.00 1.00   1.00 1.00 1.00
FinalVolume:    11  507  116     90  570   11      0  180   11    219  316   68
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:     1700 1700 1700   1700 1700 1700   1700 1700 1700   1700 1700 1700
Adjustment:   1.00 1.00 1.00   1.00 1.00 1.00   1.00 1.00 1.00   1.00 1.00 1.00
Lanes:        1.00 1.00 1.00   1.00 1.00 1.00   0.00 1.00 1.00   0.41 0.59 1.00
Final Sat.:   1700 1700 1700   1700 1700 1700      0 1700 1700    696 1004 1700
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:      0.01 0.30 0.07   0.05 0.34 0.01   0.00 0.11 0.01   0.13 0.31 0.04
Crit Moves:   ****             ****             ****             ****
*******************************************************************************

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Cumulative Conditions (2020Mon Mar 30, 2009 18:51:48                Page 19-1
-------------------------------------------------------------------------------
                  Huntington Beach Traffic Impact Analysis
             Cumulative Conditions (Year 2020) without Project PM
-------------------------------------------------------------------------------
                       Level Of Service Computation Report
       ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)
*******************************************************************************
Intersection #19 Main St / 6th St
*******************************************************************************
Cycle (sec):         100                Critical Vol./Cap.(X):         0.394
Loss Time (sec):       5 (Y+R=4.0 sec)  Average Delay (sec/veh):      xxxxxx
Optimal Cycle:        20                Level Of Service:                  A
*******************************************************************************
Street Name:              Main St                          6th St
Approach:       North Bound      South Bound      East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:          Permitted        Permitted        Permitted        Permitted
Rights:             Include          Include          Include          Include
Min. Green:     0    0    0     0    0    0     0    0    0     0    0    0
Lanes:        1  0  0  1  0    1  0  0  1  0    1  0  1  0  1    1  0  1  0  1
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:      10  150   20    30  160   50    50   70   10    30   70   30
Growth Adj:  1.13 1.13 1.13  1.13 1.13 1.13  1.13 1.13 1.13  1.13 1.13 1.13
Initial Bse:   11  169   23    34  180   56    56   79   11    34   79   34
Added Vol:      0   30    0     0   30   90    81    0    0     0    0    0
PasserByVol:    0    0    0     0    0    0     0    0    0     0    0    0
Initial Fut:   11  199   23    34  210  146   137   79   11    34   79   34
User Adj:    1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
PHF Adj:     1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
PHF Volume:    11  199   23    34  210  146   137   79   11    34   79   34
Reduct Vol:     0    0    0     0    0    0     0    0    0     0    0    0
Reduced Vol:   11  199   23    34  210  146   137   79   11    34   79   34
PCE Adj:     1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
MLF Adj:     1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
FinalVolume:   11  199   23    34  210  146   137   79   11    34   79   34
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:    1700 1700 1700  1700 1700 1700  1700 1700 1700  1700 1700 1700
Adjustment:  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
Lanes:       1.00 0.90 0.10  1.00 0.59 0.41  1.00 1.00 1.00  1.00 1.00 1.00
Final Sat.:  1700 1527  173  1700 1002  698  1700 1700 1700  1700 1700 1700
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.01 0.13 0.13  0.02 0.21 0.21  0.08 0.05 0.01  0.02 0.05 0.02
Crit Moves:  ****            ****       ****                 ****
*******************************************************************************
```

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Cumulative Conditions (2020Mon Mar 30, 2009 18:51:48                 Page 20-1
-------------------------------------------------------------------------------
                  Huntington Beach Traffic Impact Analysis
            Cumulative Conditions (Year 2020) without Project PM
-------------------------------------------------------------------------------
                      Level Of Service Computation Report
       ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)
*******************************************************************************
Intersection #22 1st St / Orange Ave & Atlanta Ave
*******************************************************************************
Cycle (sec):         100                Critical Vol./Cap.(X):         0.432
Loss Time (sec):       5 (Y+R=4.0 sec)  Average Delay (sec/veh):      xxxxxx
Optimal Cycle:        21                Level Of Service:                  A
*******************************************************************************
Street Name:                1st St                    Orange Ave & Atlanta Ave
Approach:       North Bound      South Bound      East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:          Permitted        Permitted        Protected        Protected
Rights:             Include          Include          Include          Include
Min. Green:     0    0    0     0    0    0     0    0    0     0    0    0
Lanes:        0  1  0  0  1    1  0  0  0  0    1  0  1  1  0    1  0  0  1  0
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:      70   10  190     10    0    0      0  200   70   170  220   10
Growth Adj:  1.13 1.13 1.13   1.13 1.13 1.13   1.13 1.13 1.13   1.13 1.13 1.13
Initial Bse:   79   11  214     11    0    0      0  225   79   192  248   11
Added Vol:     55    0   27      0    0    0      0   21   45    20   24    0
PasserByVol:    0    0    0      0    0    0      0    0    0     0    0    0
Initial Fut:  134   11  241     11    0    0      0  246  124   212  272   11
User Adj:    1.00 1.00 1.00   1.00 1.00 1.00   1.00 1.00 1.00   1.00 1.00 1.00
PHF Adj:     1.00 1.00 1.00   1.00 1.00 1.00   1.00 1.00 1.00   1.00 1.00 1.00
PHF Volume:   134   11  241     11    0    0      0  246  124   212  272   11
Reduct Vol:     0    0    0      0    0    0      0    0    0     0    0    0
Reduced Vol:  134   11  241     11    0    0      0  246  124   212  272   11
PCE Adj:     1.00 1.00 1.00   1.00 1.00 1.00   1.00 1.00 1.00   1.00 1.00 1.00
MLF Adj:     1.00 1.00 1.00   1.00 1.00 1.00   1.00 1.00 1.00   1.00 1.00 1.00
FinalVolume:  134   11  241     11    0    0      0  246  124   212  272   11
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:    1700 1700 1700   1700 1700 1700   1700 1700 1700   1700 1700 1700
Adjustment:  1.00 1.00 1.00   1.00 1.00 1.00   1.00 1.00 1.00   1.00 1.00 1.00
Lanes:       0.92 0.08 1.00   1.00 0.00 0.00   1.00 1.33 0.67   1.00 0.96 0.04
Final Sat.:  1568  132 1700   1700    0    0   1700 2262 1138   1700 1632   68
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.08 0.09 0.14   0.01 0.00 0.00   0.00 0.11 0.11   0.12 0.17 0.17
Crit Moves:            ****  ****                 ****        ****
*******************************************************************************
```

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Cumulative Conditions (2020Mon Mar 30, 2009 18:51:48                 Page 21-1
------------------------------------------------------------------------------
                  Huntington Beach Traffic Impact Analysis
            Cumulative Conditions (Year 2020) without Project PM
------------------------------------------------------------------------------
                     Level Of Service Computation Report
       ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)
******************************************************************************
Intersection #23 Beach Blvd / Atlanta Ave
******************************************************************************
Cycle (sec):         120                Critical Vol./Cap.(X):         0.639
Loss Time (sec):       6 (Y+R=4.0 sec)  Average Delay (sec/veh):      xxxxxx
Optimal Cycle:        35                Level Of Service:                  B
******************************************************************************
Street Name:             Beach Blvd                    Atlanta Ave
Approach:       North Bound      South Bound      East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:          Permitted        Permitted        Protected        Protected
Rights:             Include          Include          Include          Include
Min. Green:     0    0    0     0    0    0     0    0    0     0    0    0
Lanes:        0  1  2  1  0    1  0  2  1  0    1  0  2  0  1    1  0  2  0  1
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:      80  840  100   270  500   70    80  280   20    50  270  210
Growth Adj:  1.13 1.13 1.13  1.13 1.13 1.13  1.13 1.13 1.13  1.13 1.13 1.13
Initial Bse:   90  947  113   304  563   79    90  316   23    56  304  237
Added Vol:      0  158   14     0  152   47    40   74    0    16   71    0
PasserByVol:    0    0    0     0    0    0     0    0    0     0    0    0
Initial Fut:   90 1105  127   304  715  126   130  390   23    72  375  237
User Adj:    1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
PHF Adj:     1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
PHF Volume:    90 1105  127   304  715  126   130  390   23    72  375  237
Reduct Vol:     0    0    0     0    0    0     0    0    0     0    0    0
Reduced Vol:   90 1105  127   304  715  126   130  390   23    72  375  237
PCE Adj:     1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
MLF Adj:     1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
FinalVolume:   90 1105  127   304  715  126   130  390   23    72  375  237
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:    1700 1700 1700  1700 1700 1700  1700 1700 1700  1700 1700 1700
Adjustment:  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00  1.00 1.00 1.00
Lanes:       0.27 3.35 0.38  1.00 2.55 0.45  1.00 2.00 1.00  1.00 2.00 1.00
Final Sat.:   464 5684  652  1700 4337  763  1700 3400 1700  1700 3400 1700
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.05 0.19 0.19  0.18 0.16 0.16  0.08 0.11 0.01  0.04 0.11 0.14
Crit Moves:       ****       ****            ****                      ****
******************************************************************************
```

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Cumulative Conditions (2020Mon Mar 30, 2009 18:51:48                Page 22-1
-------------------------------------------------------------------------------
                  Huntington Beach Traffic Impact Analysis
             Cumulative Conditions (Year 2020) without Project PM
-------------------------------------------------------------------------------
                      Level Of Service Computation Report
       ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)
*******************************************************************************
Intersection #24 Beach Blvd / Pacific View Ave
*******************************************************************************
Cycle (sec):         120                 Critical Vol./Cap.(X):         0.388
Loss Time (sec):       6 (Y+R=4.0 sec)   Average Delay (sec/veh):      xxxxxx
Optimal Cycle:        22                 Level Of Service:                  A
*******************************************************************************
Street Name:             Beach Blvd                  Pacific View Ave
Approach:       North Bound      South Bound      East Bound       West Bound
Movement:     L  -  T  -  R    L  -  T  -  R    L  -  T  -  R    L  -  T  -  R
------------|---------------||---------------||---------------||---------------|
Control:        Protected        Protected        Protected        Protected
Rights:           Include          Include          Include          Include
Min. Green:     0    0     0     0    0     0     0    0     0     0    0     0
Lanes:        1  0  3  0  0    1  0  2  1  0    1  0  0  0  1    0  0  0  0  0
------------|---------------||---------------||---------------||---------------|
Volume Module:
Base Vol:      40  960     0     0  480    60    80    0    40     0    0     0
Growth Adj:  1.13 1.13  1.13  1.13 1.13  1.13  1.13 1.13  1.13  1.13 1.13  1.13
Initial Bse:   45 1082     0     0  541    68    90    0    45     0    0     0
Added Vol:      0   71     0     0   74    93   100    0     0     0    0     0
PasserByVol:    0    0     0     0    0     0     0    0     0     0    0     0
Initial Fut:   45 1153     0     0  615   161   190    0    45     0    0     0
User Adj:    1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Adj:     1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
PHF Volume:    45 1153     0     0  615   161   190    0    45     0    0     0
Reduct Vol:     0    0     0     0    0     0     0    0     0     0    0     0
Reduced Vol:   45 1153     0     0  615   161   190    0    45     0    0     0
PCE Adj:     1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
MLF Adj:     1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
FinalVolume:   45 1153     0     0  615   161   190    0    45     0    0     0
------------|---------------||---------------||---------------||---------------|
Saturation Flow Module:
Sat/Lane:    1700 1700  1700  1700 1700  1700  1700 1700  1700  1700 1700  1700
Adjustment:  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00  1.00 1.00  1.00
Lanes:       1.00 3.00  0.00  1.00 2.38  0.62  1.00 0.00  1.00  0.00 0.00  0.00
Final Sat.:  1700 5100     0  1700 4044  1056  1700    0  1700     0    0     0
------------|---------------||---------------||---------------||---------------|
Capacity Analysis Module:
Vol/Sat:     0.03 0.23  0.00  0.00 0.15  0.15  0.11 0.00  0.03  0.00 0.00  0.00
Crit Moves:       ****        ****             ****
*******************************************************************************
```